



English Translation of Notification of Reasons for Refusal Patent Application No.  
2004-125561

## Notification of Reasons for Refusal

Because of the following reasons, this application should be refused. An applicant may submit your argument against the reasons for refusal within 60 days on and after the posting of this notification.

### REASONS

#### Reason 1

As the invention claimed below in this application could easily have been made, prior to the filing of the patent application, by a person with ordinary skill in the art to which the invention pertains, on the basis of an invention or inventions described in a distributed following publication or made available to the public in Japan or elsewhere prior to the filing of the patent application, a patent to the claimed invention should not be granted under the provision of Patent Law Section 29(2).

#### Remarks (see a list of cited references)

##### <<Claims 1 to 9>>

Especially, “terminal 76 + terminal 77 + terminal 78”, “terminal 74 + terminal 75 + terminal 79”, “terminal 71”, “terminal 72 + terminal 73” and “external recording system 23” in Figs. 11 to 14 correspond to “first connection terminal”, “second connection terminal”, “third connection terminal”, “fourth connection terminal”, and “station”, respectively.

Cited reference 2 discloses the invention that in a camera providing terminal section 121 for sending/receiving a signal to and from a station, there is provided terminals 104 to 107 for sending/receiving a signal to and from an electronic device such as a TV receiver or VTR, etc. via a cable, and thus, there is no peculiar difficulty in employing this invention in the invention set forth in the cited reference 1.

#### List of cited references

1. Patent laid-open application H8-116481
2. Patent laid-open application H6-86122

#### Reason 2

The descriptions of the specification and the drawings of this patent application do not conform exactly with the requirements of Patent Law Sections 36(4) and 36(6)2 for a patent application.

#### Remarks

The configurations of the inventions in accordance with Claims 1 to 4 and 6 to 9 do not correspond to the object of the inventions described in the paragraph numbers [0002] to [0006] and the effect of action described in the paragraph number [0049], and the object of the inventions in accordance with claims 1 to 4 and 6 to 9 cannot be read from the detailed descriptions and drawings as a whole of the application, and further the object of the invention cannot be read from the configurations of the invention in accordance with claims 1 to 4 and 6 to 9, so that the object and the effect of the invention in accordance with claims 1 to 4 and 6 to 9 cannot be read.

And, the configuration of the invention according to claim 5 does not correspond to the object of the invention described in the paragraph numbers [0002] to [0006], so that the object of the invention and the effect of the invention according to claim 5 cannot be comprehended.

Accordingly, the invention according to claims 1 to 9 cannot be recognized.

#### Reason 3

The descriptions of claims of this application do not conform exactly with the requirements defined in Patent Law Section 36(6)-1.

#### Remarks

As pointed out in reason 2 above, the inventions according to claims 1 to 9 are not described properly in detailed descriptions of the invention.

#### SWITCH 28

Record of search result of prior art publication

Search field: IPC version 7 H04 5/222-5/257

The record is not construed as reasons for refusal.

## Decision of Refusal

Based upon reasons 1 to 3 described in Notification of Reasons for Refusal dated as of January 21, 2005, this application should be refused. No ground for overturning the reasons for refusal has been found although the contents of the written argument and the amendment are considered.

### Notes;

The applicant argues in the written argument that regarding cited reference 1, “video camera 20 does not disclose or teach a connection terminal outputting a digital signal and an analogue signal by way of one piece of the terminal” , and regarding cited reference 3, “there is no disclosure that camera-integral VTR 100 is a digital camera. And, there is no disclosure that every terminals of each of terminals 104 to 107 and terminal section 121 provided in camera-integral VTR 100, and each of terminals 4 to 8 and signal input terminal section 34 provided in station 1 are terminals for communicating the digital signal” .

Then, the argument is considered below.

- (1) As there is no description about a specific configuration of the DSC connecting connector in the specification and drawings of this application from the beginning, the configuration of “one piece of the terminal” referred to in the argument cannot be comprehended.
- (2) As apparent from the paragraph number [0031] and/or Figs. 12 and 14 of cited reference 1, in a state of video camera 20 being loaded on a predetermined position of external recording system 23, light emitting devices 76b and 77b and light receiving devices 76a and 77a of video camera 20 are configured to be optically connected to light receiving devices 74a and 75a, and light emitting devices 74b and 75b of external recording system 23, respectively, and 77b and light receiving devices 76a and 77a of video camera 20 are unified in “one connecting terminal” and light receiving devices 74a and 75a, and light emitting devices 74b and 75b of external recording system 23 are unified in “one connecting terminal” .
- (3) Or, paragraph number [0038] of cited reference 1 describes that data transmission between video camera 20 and external recording system 23 may be implemented via a connection by way of a metal terminal, and it is a matter of designer’s discretion that when taking such the configuration, it is constructed so as to be connected by one pair of connecting terminals having a

plurality of connecting pieces.

(4) Even if there is no description in cited reference 2 that camera-integral VTR 100 is a digital camera, a technical idea that a connection terminal for connecting to another electronic device rather than the connection terminal for connecting to station is provided in camera-integral VTR 100 to be loaded on station 1 is disclosed herein, and when newly providing a connection terminal using the invention described in Figs. 11 to 14 of cited reference 1, considering that a configuration of directly connecting a video camera and a digital device by itself is known (e.g., see, especially, Fig. 9, etc. of cited reference 1), it is just a matter of designer's discretion that a newly provided connection terminal is configured so as to be used for the digital signal.

**Reason 2**

As pointed out by previous reasons for refusal.

**Reason 3**

As pointed out by previous reasons for refusal.

Accordingly, the reasons for refusal with respect to claims 1 to 9 set forth in the application have not been eliminated yet.